

CLAIMS

What is claimed is:

1 1. A carousel comprising:

2 a plurality of modules, at least one module of the plurality of modules comprising one of
3 a data module and an object module, said at least one module exhibiting a first
4 instance and at least a second instance.

1 2. The carousel of claim 1, the first instance separated from the second
2 instance by at least one intervening different module of the plurality of modules.

1 3. The carousel of claim 1, said at least one module including module
2 content, the module content representing one of television program guide information,
3 advertising information, product information, emergency information, weather
4 information, and news information.

1 4. A carousel comprising:
2 a first instance of a module including module content, the module comprising one of a
3 data module and an object module;
4 a second instance of the module; and
5 at least one other module including module content, the module content of said at least
6 one other module different than the module content of the module.

1 5. The carousel of claim 4, the second instance of the module separated from
2 the first instance of the module by said at least one other module.

1 6. The carousel of claim 4, the module content of the module representing
2 one of television program guide information, advertising information, product
3 information, emergency information, weather information, and news information.

1 7. A transmission comprising:
2 a transport stream; and
3 a carousel encapsulated in the transport stream, the carousel having a plurality of
4 modules, at least one module of the plurality of modules comprising one of a data
5 module and an object module, said at least one module exhibiting a first instance
6 and at least a second instance.

1 8. The transmission of claim 7, the transport stream comprising an MPEG-2
2 transport stream.

1 9. The transmission of claim 7, the transport stream comprising at least a
2 portion of a digital television broadcast signal.

1 10. The transmission of claim 7, the first instance separated from the second
2 instance by at least one intervening different module of the plurality of modules.

1 11. A transmission comprising:
2 a transport stream; and
3 a carousel encapsulated in the transport stream, the carousel including
4 a first instance of a module including module content, the module comprising one
5 of a data module and an object module;
6 a second instance of the module; and
7 at least one other module including module content, the module content of said at
8 least one other module different than the module content of the module.

1 12. The transmission of claim 11, the transport stream comprising an MPEG-2
2 transport stream.

1 13. The transmission of claim 11, the transport stream comprising at least a
2 portion of a digital television broadcast signal.

1 14. The carousel of claim 11, the second instance of the module separated
2 from the first instance of the module by said at least one other module.

1 15. A method comprising:
2 encapsulating into a transport stream a carousel having a plurality of modules, at least
3 one module of the plurality of modules comprising one of a data module and an
4 object module, said at least one module exhibiting a first instance and at least a
5 second instance.

1 16. The method of claim 15, further comprising transmitting the transport
2 stream and the encapsulated carousel to a receiver.

1 17. The method of claim 15, further comprising periodically encapsulating the
2 carousel into the transport stream.

1 18. The method of claim 15, the transport stream comprising an MPEG-2
2 transport stream.

1 19. The method of claim 15, the transport stream comprising at least a portion
2 of a digital television broadcast signal.

1 20. A method comprising:
2 receiving a transport stream having an encapsulated carousel, the carousel having a
3 plurality of modules, at least one module of the plurality of modules comprising
4 one of a data module and an object module, said at least one module exhibiting a
5 first instance and at least a second instance; and
6 extracting the first and second instances of said at least one module from the transport
7 stream.

1 21. The method of claim 20, the transport stream comprising an MPEG-2
2 transport stream.

1 22. The method of claim 20, the transport stream comprising at least a portion
2 of a digital television broadcast signal.

1 23. An article of manufacture comprising:
2 a machine accessible medium, the machine accessible medium providing instructions
3 that, when executed by a machine, cause the machine to
4 encapsulate into a transport stream a carousel having a plurality of modules, at
5 least one module of the plurality of modules comprising one of a data
6 module and an object module, said at least one module exhibiting
7 a first instance, and
8 at least a second instance.

1 24. The article of manufacture of claim 23, wherein the instructions, when
2 executed, further cause the machine to transmit the transport stream and the encapsulated
3 carousel to a receiver.

1 25. The article of manufacture of claim 23, wherein the instructions, when
2 executed, further cause the machine to periodically encapsulate the carousel into the
3 transport stream.

1 26. The article of manufacture of claim 23, the transport stream comprising an
2 MPEG-2 transport stream.

1 27. The article of manufacture of claim 23, the transport stream comprising at
2 least a portion of a digital television broadcast signal.

1 28. An article of manufacture comprising:
2 a machine accessible medium, the machine accessible medium providing instructions
3 that, when executed by a machine, cause the machine to
4 receive a transport stream having an encapsulated carousel, the carousel having a
5 plurality of modules, at least one module of the plurality of modules
6 comprising one of a data module and an object module, said at least one
7 module exhibiting a first instance and at least a second instance; and
8 extract the first and second instances of said at least one module from the
9 transport stream.

1 29. The article of manufacture of claim 28, the transport stream comprising an
2 MPEG-2 transport stream.

1 30. The article of manufacture of claim 28, the transport stream comprising at
2 least a portion of a digital television broadcast signal.